
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=9; day=19; hr=9; min=20; sec=4; ms=654;]

Validated By CRFValidator v 1.0.3

Application No: 10553453 Version No: 2.0

Input Set:

Output Set:

Started: 2008-08-20 16:29:39.782 **Finished:** 2008-08-20 16:29:41.263

2000 00 20 10.23.11.203

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 481 ms

Total Warnings: 27
Total Errors: 0

No. of SeqIDs Defined: 27
Actual SeqID Count: 27

Error code		Error Descripti	ion								
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)

Input Set:

Output Set:

Started: 2008-08-20 16:29:39.782 **Finished:** 2008-08-20 16:29:41.263

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 481 ms

Total Warnings: 27

Total Errors: 0

No. of SeqIDs Defined: 27

Actual SeqID Count: 27

Error code Error Description

This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110>	Her Majesty the Queen in Right of Canada as Represented by	
	the Minister of Health	
	Czub, Markus	
	Grolla, Allen	
<120>	Kit for Molecular Identification of Smallpox	
<130>	85084-503	
<140>	10553453	
<141>	2006-09-28	
<150>	US 60/463333	
<151>	2004-04-17	
<160>	27	
<170>	PatentIn version 3.3	
<210>	1	
<211>	22	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	synthetic primer or template	
<400>	1	
atgccg	gtac ttatgtatgt gc	22
<210>	2	
<211>	20	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	synthetic primer or template	
<400>	2	
tcttgt	ctgt tgtggattct	20
<210>	3	
<211>	18	
<212>	DNA	
<213>	Artificial	
<220>		
<223>	synthetic primer or template	
<400>	3	
taccgg	tctc agcgaatc	18

```
<210> 4
<211> 20
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 4
accgtctccg aatgcggcat
                                                                     20
<210> 5
<211> 330
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 5
atgccggtac ttatgtatgt gcattcttta tgacatcaac tacaaatgat actgataaag
                                                                     60
tagattatga agaatactct acagagttga ttgtaaacac agatagtgaa tcgactatag
                                                                  120
acataatact atctggatct tcacattcac cggaaactag ttctgagaaa cctgattata
                                                                    180
                                                                    240
taaataattt taattgctcg ttggtatttg aaatcgcgac tccgggacca attactgata
atgtagaaaa tcatacagac actgtcacat acactagtga tatcattaat acagtaagta
                                                                    300
catcatctgg agaatccaca acagacaaga
                                                                    330
<210> 6
<211> 274
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 6
taccggtctc agcgaatcca tcttaacgtc ggaactaact attactatga atcatacaga
                                                                     60
ttgcaatccc gtatttcgtg aggaatactt ctctgtcctt aataaggtag caacttcagg
                                                                    120
attttttaca ggagaaaata gatatcaaaa tatttcaaag gtgtgtactt taaattttga
                                                                    180
gattaaatgt aataacaaag gttcttcctt caaacagcta acgaaagcaa agaatgatga
                                                                    240
cggtatgatg tcgcattcgg agacggtaac tcta
                                                                    274
<210> 7
```

<210> / <211> 324 <212> DNA

```
<213> Artificial
<220>
<223> synthetic primer or template
<400> 7
atgccggtac ttatatatgt gcattcttta tgacatcgac tacaaatgat actgataaag
                                                                    60
tagattatga agaatactcc atagagttga ttgtaaatac agatagtgaa tcgactatag
                                                                  120
                                                                  180
acataatact atctggatct acaccggaaa ctatttctga gaaaccagag gatatagata
                                                                 240
attctaattg ctcgtctgta ttcgaaatcg cgactccgga accaattact gataatgtag
aaqaccatac aqacaccqtc acatacacta qtqataqcat taatacaqta aatqcatcat
                                                                    300
                                                                    324
ctggagaatc cacaacagac gaga
<210> 8
<211> 264
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 8
taccggtctc agcgaatcca tctcaacgtc ggaactaact attaccatga atcataaaga
                                                                     60
                                                                 120
ttgtgatccc gtctttcgtg cagaatactt ctctgtcctt aataatgtag caacttcagg
attetttaca ggagaaaata gatateagaa taetteaaag atatgtaete tgaatttega
                                                                    180
gattaaatgt aacaacaaag attcatcttc caaacagtta acgaaaacaa agaatgatac
                                                                    240
                                                                    264
tatcatgccg cattcagaga cggt
<210> 9
<211> 71
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 9
atgccggtac ttatatatgt gcattettta tgacatcaag ettgcggccg etgcagacta
                                                                     60
                                                                     71
caaatgatac t
<210> 10
<211> 64
<212> DNA
```

<213> Artificial

```
<220>
<223> synthetic primer or template
<400> 10
taccggtctc agcgaatcca tctyaagctt gcggccgctg cagaacgtcg gaactaacta
                                                                     60
                                                                     64
ttac
<210> 11
<211> 69
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
cgtctctgaa tgcggcatga tagtatcatt ctttgtctgc agcggccgca agctttcgtt
aactgtttg
                                                                     69
<210> 12
<211> 84
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 12
atgccggtac ttatctatgt gcattcttta tgacatcaac tacaaatgat actaataaag
                                                                     60
tagattatga agaatactct acag
                                                                     84
<210> 13
<211> 103
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 13
ctcagaacta gtttccggtg aatgtgaaga tccagatagt attatgtcta tagtcgattc
                                                                   60
                                                                    103
actatctgtg tttacaatca actctgtaga gtattcttca taa
<210> 14
<211> 103
<212> DNA
<213> Artificial
```

<223>		
	synthetic primer or template	
<400>	14	
caccgga	aaac tagttctgag aaacctgatt atataaataa ttttaattgc tcgttggtat	60
ttgaaat	cgc gactccggga ccaattactg ataatgtaga aaa	103
<210>	15	
<211>	99	
<212>	DNA	
	Artificial	
<220>		
<223>	synthetic primer or template	
<400>	15	
tcttgtc	etgt tgtggattet ceagatgatg tacttactgt attaatgata teactagtta	60
tgtgaca	agtg tctgtatgat tttctacatt atcagtaat	99
<210>	16	
<211>	84	
<212> <213>	DNA Artificial	
\213/	AICITICIAI	
<220>		
<223>	synthetic primer or template	
<400>	16	
atgccgg	gtac ttatatatgt gcattettta tgacategae tacaaatgat aetgataaag	-
		60
		60
tagatta	atga agaatactcc atag	84
tagatta	atga agaatactcc atag	
<210>	17	
<210> <211>	17 99	
<210> <211> <212>	17 99 DNA	
<210> <211>	17 99	
<210> <211> <212> <213>	17 99 DNA	
<210> <211> <212> <213> <220>	17 99 DNA Artificial	
<210> <211> <212> <213>	17 99 DNA	
<210> <211> <212> <213> <220>	17 99 DNA Artificial	
<210> <211> <212> <213> <220> <223> <400>	17 99 DNA Artificial synthetic primer or template	
<210> <211> <212> <213> <220> <223> <400>	17 99 DNA Artificial synthetic primer or template 17	8 4
<210> <211> <212> <213> <223> <400> ctcagaa	17 99 DNA Artificial synthetic primer or template 17	8 4
<210> <211> <212> <213> <223> <400> ctcagaa	17 99 DNA Artificial synthetic primer or template 17 aata gtttccggtg tagatccaga tagtattatg tctatagtcg attcactatc	8 4
<210> <211> <212> <213> <223> <400> ctcagaa	17 99 DNA Artificial synthetic primer or template 17 aata gtttccggtg tagatccaga tagtattatg tctatagtcg attcactatc	8 4
<210> <211> <212> <213> <223> <400> ctcagaa tgtattt	17 99 DNA Artificial synthetic primer or template 17 aata gtttccggtg tagatccaga tagtattatg tctatagtcg attcactate aca atcaactcta tggagtattc ttcataatc	8 4
<210> <211> <212> <213> <220> <223> <400> ctcagaa tgtattt <210> <211>	17 99 DNA Artificial synthetic primer or template 17 aata gtttccggtg tagatccaga tagtattatg tctatagtcg attcactate aca atcaactcta tggagtattc ttcataatc 18 102	8 4
<210> <211> <212> <213> <220> <223> <400> ctcagaa tgtattt <210> <211> <211>	17 99 DNA Artificial synthetic primer or template 17 aata gtttccggtg tagatccaga tagtattatg tctatagtcg attcactate aca atcaactcta tggagtattc ttcataatc 18 102	8 4

```
<223> synthetic primer or template
<400> 18
caccggaaac tatttctgag aaaccagagg atatagataa ttctaattgc tcgtctgtat
cgaaatcgcg actccggaac caattactga taatgtagaa ga
                                                                   102
<210> 19
<211> 104
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 19
tctcgtctgt tgtggattct ccagatgatg catttactgt attaatgcta tcactagtgt
                                                                  60
atgtgacggt gtctgtatgg tcttctacat tatcagtaat tggt
                                                                   104
<210> 20
<211> 115
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 20
taccggtctc agcgaatcca tcttaacgtc ggaactaact attactatga atcatacaga 60
ttgcaatccc gtatttcgtg aggaatactt ctctgtcctt aataaggtag caact
                                                                 115
<210> 21
<211> 112
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 21
agaacctttg ttattacatt taatctcaaa atttaaagta cacacctttg aaatattttg 60
atatctattt teteetgtaa aaaateetga agttgetaee ttattaagga ca
                                                                 112
<210> 22
<211> 114
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
```

```
aaatgtaata acaaaggttc ttccttcaaa cagctaacga aagcaaagaa tgatgacggt
                                                                  60
atgatgtcgc attcggagac ggtaactcta gcgggtgact gtctatctag cgtc
                                                                  114
<210> 23
<211> 115
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 23
taccggtctc agcgaatcca tctcaacgtc ggaactaact attaccatga atcataaaga
                                                                  60
ttgtgatccc gtctttcgtg cagaatactt ctctgtcctt aataatgtag caact
                                                                 115
<210> 24
<211> 113
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 24
gatgaatett tgttgttaca tttaateteg aaatteagag tacatatett tgaagtatte
tgatatctat tttctcctgt aaagaatcct gaagttgcta cattattaag gac
                                                           113
<210> 25
<211> 110
<212> DNA
<213> Artificial
<220>
<223> synthetic primer or template
<400> 25
aaatgtaaca acaaagattc atcttccaaa cagttaacga aaacaaagaa tgatactatc
                                                                    60
atgccgcatt cagagacggt aactctagtg ggcgactgtc tatctagcgt
                                                                   110
<210> 26
<211> 21
<212> DNA
<213> artificial
<220>
<223> amplification primer
```

<400> 22

<400>	26			
atgccggtac ttatctatgt g 21				
<210>	27			
<211>	22			
<212>	DNA			
<213>	artificial			
<220>				
<223>	amplification primer			
<400>	27			
accgtctctc cgaatgcgac at 22				